

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A flame retardant composition which comprises:

(A) at least one compound selected from the group consisting of (A-1) a metal oxide represented by the formula M_xO_y (in the formula, M is at least one element selected from the elements of Groups 5, 8, 10 and 11 of the Periodic Table, and x and y are numerals satisfying $0 < x \leq 5$ and $0 < y \leq 5$, respectively) and (A-2) a trivalent phosphorus compound; and

(B) at least one phosphazene compound having a difference of 40-100°C between the temperature at which weight reduction is 50% by weight and the temperature at which the weight reduction is 5% by weight when it is heated from room temperature to 600°C at a heating rate of 10°C/min in an inert gas atmosphere according to TGA, and containing 80% by weight or more of cyclic trimers, wherein the flame retardant composition contains 0.1-60 parts by weight of the component (A) and 99.9-40 parts by weight of the component (B) in 100 parts by weight of the component (A) and the component (B) in total, and

wherein said at least one phosphazene compound is selected from a cyclic phosphazene compound represented by the following formula (2) and a chain phosphazene compound represented by the following formula (3),

wherein n is an integer of 3-25, m is an integer of 3-10000, the substituents X are independently an alkyl group of 1-6 carbon atoms, an aryl group of 6-11 carbon atoms, a fluorine atom, an aryloxy group having a substituent represented by the formula (4) (in the formula, R_1 , R_2 , R_3 , R_4 and R_5 independently represent a substituent selected from the group consisting of hydrogen atom, fluorine atom, an alkyl group of 1-5 carbon atoms, an alkoxy group of 1-5 carbon atoms, phenyl group, and a hetero atom-containing group), a naphthyloxy group,

an alkoxy group of 1-6 carbon atoms, and an alkoxy-substituted alkoxy group (a part or all of hydrogen atoms on the substituents may be substituted with fluorine), Y in the formula represents $-N=P(O)(X)$ or $-N=P(X)_3$ and Z represents $-P(X)_4$ or $-P(O)(X)_2$



2. (Canceled)

3. (Previously presented) The flame retardant composition according to claim 1, wherein the component (B) has an acid value of not more than 1.0 and the component (B) has a water content of not more than 1000 ppm measured at 150°C according to Karl Fischer's method.

4. (Previously presented) The flame retardant composition according to claim 1, wherein the temperature at which the weight reduction of the component (B) is 50% by weight is 320-460°C when it is heated from room temperature to 600°C at a heating rate of 10°C/min in an inert gas atmosphere according to TGA.

5. (Previously presented) The flame retardant composition according to claim 1, wherein the metal M in the component (A-1) is at least one metal selected from the group consisting of V, Nb, Fe, Ni, Pd, Pt, Cu, Ag and Au.

6. (Previously presented) The flame retardant composition according to claim 1, wherein the component (A-1) is at least one compound selected from the group consisting of iron oxide, nickel oxide, palladium oxide and copper oxide.

7. (Previously presented) The flame retardant composition according to claim 1, wherein the temperature at which the weight reduction of the component (A-2) is 10% is 120-320°C when it is heated from room temperature to 600°C at a heating rate of 10°C/min in an inert gas atmosphere according to TGA.

8. (Previously presented) The flame retardant composition according to claim 1, wherein the component (A-2) is at least one of tertiary phosphines.

9. (Previously presented) The flame retardant composition according to claim 1,

wherein the component (A-2) is at least one of triarylphosphines.

10. (Previously presented) The flame retardant composition according to claim 1 which further comprises (C) an aromatic resin.

11. (Original) The flame retardant composition according to claim 10, wherein the component (C) is at least one resin selected from the group consisting of polyphenylene ether resins, polycarbonate resins, polyphenylene sulfide resins, phenolic resins, aromatic polyamide resins, polyester resins and thermotropic liquid crystals.

12. (Original) The flame retardant composition according to claim 10, wherein the component (C) is a polyphenylene ether resin.

13. (Previously presented) The flame retardant composition according to claim 10, wherein the weight ratio of the component (C) and the component (B) is $(C)/(B) = 95/5 - 5/95$.

14. (Previously presented) A flame retardant resin composition which comprises the flame retardant composition described in claim 10.

15. (Previously presented) A flame retardant resin composition which contains (a) a resin and (b) the flame retardant composition described in claim 1.

16. (Original) The flame retardant resin composition according to claim 15 which contains 1-1000 parts by weight of the component (b) based on 100 parts by weight of the component (a).

17. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) comprises at least one thermoplastic resin selected from the group consisting of polycarbonate resins, polyphenylene ether resins, polyphenylene sulfide resins, polypropylene resins, polyethylene resins, polystyrene resins, ABS resins, polyalkylene terephthalate resins, polyamide resins, thermotropic liquid crystals and elastomer-containing polystyrenes.

18. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) is at least one resin selected from the group consisting of polyphenylene ether resins, polycarbonate resins, polystyrene resins, ABS resins and elastomer-containing polystyrenes, and the component (A-1) in the flame retardant composition which is the component (b) is iron oxide and/or copper oxide.

19. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) is at least one resin selected from the group consisting of polyphenylene ether resins, polycarbonate resins, polystyrene resins, ABS resins and elastomer-containing polystyrenes, and the component (A-2) in the flame retardant composition which is the component (b) is at least one phosphine selected from triarylphosphines.

20. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) comprises at least one hardening resin selected from the group consisting of unsaturated polyester resins, vinyl ester resins, diallyl phthalate resins, epoxy resins, cyanate resins, xylene resins, triazine resins, phenolic resins, urea resins, melamine resins, benzoguanamine resins, urethane resins, ketone resins, alkyd resins, furan resins, oxetane resins, styrylpyridine resins and synthetic rubbers.

21. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) is an epoxy resin, and the component (A-1) in the flame retardant composition which is the component (b) is at least one oxide selected from nickel oxide, palladium oxide, iron oxide and copper oxide.

22. (Previously presented) The flame retardant resin composition according to claim 15, wherein the component (a) is an epoxy resin, and the component (A-2) in the flame retardant composition which is the component (b) is at least one phosphine selected from triarylphosphines.

23. (Previously presented) The flame retardant resin composition according to claim 15 or 16, wherein the component (a) is an epoxy resin, and the component (b) further comprises (C) an aromatic resin which is a polyphenylene ether resin having a number average molecular weight of 500-5000.

24. (Previously presented) A molded article comprising the flame retardant resin composition according to claim 14.